

Date: Sat, 29 May 93 15:29:57 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #658
To: Info-Hams

Info-Hams Digest Sat, 29 May 93 Volume 93 : Issue 658

Today's Topics:

DJ-580t & FT-530 opinions (2 msgs)
 HAM-server crash
 HAM-server HELP
 HAM-server INDEX
Ham/Computerfest - Central NJ 6/5/93
 Heath HW-101
 HTX-202 mods (2 msgs)
 New Tech questions?
 XPCOM131.ZIP

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 28 May 1993 22:58:04 GMT
From: usc!sdd.hp.com!hp-cv!hp-pcd!hplsla!gilbertb@network.UCSD.EDU
Subject: DJ-580t & FT-530 opinions
To: info-hams@ucsd.edu

Woops !!

Gilbert Bailey, N7WVH

73s

Date: Fri, 28 May 1993 22:57:00 GMT

From: sdd.hp.com!hp-cv!hp-pcd!hplsla!gilbertb@network.UCSD.EDU
Subject: DJ-580t & FT-530 opinions
To: info-hams@ucsd.edu

I purchased a FT-530 two weeks ago. It's the first and only rig I've owned. I really like the radio but have'nt owned anything else to make a good comparision. I don't use the clock function but I do use the battery voltage display in the sub-band window. This gives a good indication of battery capacity (watch the voltage drop while transmitting). Living aprox. 40 miles north of Seattle, WA, I haven't noticed any intermod problems. According to signal reports I'm getting out great with just the dual band rubber duck. I REALLY LIKE THE RADIO. (my opinion could be slightly rose colored in that I got my ticket in March of '92 and only just now got my own, my very own first rig.)

Date: Thu, 27 May 93 17:28:00 PDT
From: pacbell.com!amdahl!grafex!ka6etb@network.UCSD.EDU
Subject: HAM-server crash
To: info-hams@ucsd.edu

I had a slight problem here, radio pals. I have lost all file requests placed to HAM-server within the last 24 hours. If you have made a request in that time frame and do not receive anything within the next 24 hours, please resubmit.

Sorry 'bout that.

73 de KA6ETB

Date: Sat, 29 May 93 08:15:42 PDT
From: rtech!amdahl!grafex!news@decwrl.dec.com
Subject: HAM-server HELP
To: info-hams@ucsd.edu

All you might ever want to know about the KA6ETB HAM-server

Hardware:

=====

386/25 PC clone
Telebit QBlazer modem
20-Meg file space reserved for archive

Software:

=====

Waffle 1.65
WFSmail 2.03

General Information:
=====

Orders for files are filled between the hours of 0200-0400 daily. This is so those hosts through which the traffic is forwarded are not overloaded. Since we all depend on the generosity of others to carry the mail, it behooves us not to make them angry.

ASCII (text) files are split at about 30,000 bytes or 700 lines (which ever comes first). UUENCODED binary files are split at about 750 lines.

If you are using a PC and you do not have UUDECODE, follow these steps:

1. Order UUDECODE.BAS or UUDECODE.C, and UUEXE515.ZIP.
2. Compile UUDECODE.BAS or UUDECODE.C on your system.
3. Use the resulting executable to UUDECODE UUEXE515.ZIP. UUEXE515 has documentation about UUENCODE/UUDECODE.

You are all set to start ordering binary files from HAM-server.

/hamradio/newfiles/ contains files that have not yet been categorized. You can order a list of newfiles by sending the following in an email.

NEWFILES <date>

<date> is in the form of MM-DD-YY, and is required.

If you order a file and do not get it, check the index to be sure you have spelled the filename correctly. If you have ordered the file correctly, then order a new INDEX, as I may have moved the file to a different directory. The system is still expanding, and I am trying to keep it in manageable chunks.

Also, if you have ordered files from HAM-server and do not receive them, it might be because your return path is incorrect. My bounce mailbox fills up quite regularly with bounce messages. And, since the path is incorrect, I cannot contact you to let you know.

Orders must be sent to HAM-server. Orders sent to KA6ETB or HAMSinfo are ignored.

A new INDEX is automatically generated every Sunday and when files are moved or added.

Message Command Language:

=====

There are some general rules for ordering files:

- o Commands and operands are not case sensitive.
- o Leading spaces are permitted before the command. Commands must be the first token on a line.
- o A '#' character as the first character on a line is treated as a comment. The line does not cause an error.
- o A line beginning with the string "--" is treated as end of input. The remainder of the message is ignored.

The commands are:

```
GET
HELP
INDEX
NEWFILES
PING
QUIT
```

The GET Command:

The GET command sends the requested file. The syntax for the GET command is:

```
GET <filespec> [uue[ncode] | xxe[ncode]]
```

<filespec> is required. <filespec> must specify a path, but without a drive specification. The filespec is not relative to any directory.

uuencode or xxencode is optional and may be abbreviated as "uue" or "xxe", respectively. If neither are specified, the file is sent according to the file extension. Files with these extensions will be sent encoded:

```
com exe zip pak arc arj gif lzh lha zoo z tar
```

If uuencode is specified, the file is sent uuencoded.

If xxencode is specified, the file is sent xxencoded.

For example:

```
GET /hamradio/00-index.txt
GET /hamradio/utility/uuexe515.zip uue
```

are syntactically correct.

The HELP Command:

The HELP command gets this file.

The INDEX Command:

The INDEX command sends an index of files available from HAM-SERVER.

Use

```
GET 00-INDEX.TXT
```

to get a description of the files.

The NEWFILES Command:

The NEWFILES command sends a list of files newer than the user specified date.

The syntax for the NEWFILES command is:

```
NEWFILES <date>
```

<date> is required. <date> has the form of mm-dd-yy. HAM-SERVER is strict about checking the form of <date>; if it does not look like it expects, the command will be rejected.

A valid specification for the NEWFILES command is:

```
NEWFILES 02-15-92
```

The PING Command:

The PING command causes HAM-SERVER make a simple reply, via the session transcript, to the requestor. To test the path to HAM-SERVER, send the PING command.

The QUIT Command:

The word "quit" as the first token on a line causes HAM-SERVER to quit processing input as if end of input had occurred.

Date: Sat, 29 May 93 08:15:52 PDT
From: rtech!amdahl!grafex!news@decwrl.dec.com
Subject: HAM-server INDEX
To: info-hams@ucsd.edu

Executed: Sat May 29 08:15:30 1993

HAM-server@GRAFex.Cupertino.CA.US

Index of files.

NOTES: -----

If you order a file and do not get it, check the index to be sure you have spelled the filename correctly. If you have ordered the file correctly, then order a new INDEX, as I may have moved the file to a different directory. The system is still expanding, and I am trying to keep it in managable chunks.

Also, if you have ordered files from HAM-server and do not receive them, it might be because your return path is incorrect. My bounce mailbox fills up quite regularly with bounce messages. And, since the path is incorrect, I cannot contact you to let you know.

Orders must be sent to HAM-server. Orders sent to KA6ETB or HAMSinfo are ignored.

A new INDEX is automatically generated every Sunday and when files are moved or added.

/hamradio/newfiles/ contains files that have not yet been categorized. You can order a list of newfiles by sending the following in an email.

NEWFILES <date>

<date> is in the form of MM-DD-YY, and is required.

The archives may contain the same file under different names. If you should run across one of these, please let me know with email to KA6ETB@GRAFex.Cupertino.CA.US

Directory: /hamradio/

00-INDEX.TXT 9994 5-17-93

Directory: /hamradio/10-mtrs/

10MBEACO.LST 6233 3-26-93

Directory: /hamradio/advanced/

ADV20.ZIP 109581 3-19-93
ADVANCED.FRQ 1275 8-15-91

Directory: /hamradio/antennas/

ANTENNAS.TXT 7771 2-02-93
ANTENNAS.BAS 2227 3-26-93
BUTERNUT.TXT 6106 3-26-93
CRPT2NTA.TXT 10713 2-02-93
DISCONE.TXT 1805 3-26-93
LOADPOLE.ZIP 7542 3-01-93
MININEC3.ZOO 164929 3-01-93
MOBILE.TXT 4458 3-26-93
YAGIMAX.ZIP 352305 3-01-93

Directory: /hamradio/arrl/

ARRLBBS.TXT 3153 3-03-93
ARRLDIGI.TXT 23303 2-02-93
ARRLINDX.TXT 17591 3-02-93
ARRLINFO.TXT 3321 2-02-93
ARRLJOB.TXT 18455 2-02-93
ARRLLOGO.PS 2911 2-02-93

ARRLPIO.TXT	116131	2-02-93
QSLBUR01.TXT	14440	2-02-93
QSLBUR02.TXT	10117	2-02-93

Directory: /hamradio/bandplan/

BANDPLAN.DOC	2528	3-24-92
PLAN129.TXT	1928	8-12-91
PLAN222.TXT	585	12-22-91
PLAN2M.TXT	522	8-12-91
PLAN440.TXT	572	8-12-91
PLAN6M.TXT	249	8-12-91
PLAN900.TXT	1108	8-12-91

Directory: /hamradio/callbook/

CALBK-WP.TXT	4064	8-17-92
CALLBOOK.C	18991	3-26-93
CLBK-ARY.TXT	1592	12-28-90
CLBK-EYH.TXT	1480	3-07-93
CLBK-INT.TXT	2280	3-06-93
CLBK-IYA.TXT	556	11-23-91

Directory: /hamradio/code/

AUTOCW.ARC	60849	3-01-93
CODETEST.HIN	7287	3-26-93
CW.ARC	62536	3-01-93
CW104.ZIP	83367	3-01-93
FFTMORSE.ZIP	27344	3-01-93
HAMCOM21.ZIP	182531	3-01-93
MACHINE.ARC	13061	3-01-93
MORSE.BAS	5661	3-01-93
MORSE30B.ZIP	71113	3-01-93
MORSETST.BAS	7179	3-01-93
PROCW.ZIP	24227	3-01-93
ROBOCOPY.ZIP	27346	3-01-93
SM316.ZIP	109484	3-01-93
SUPERIOR.INF	1031	3-19-93
SUPERIOR.SHR	92208	3-19-93

Directory: /hamradio/contests/

CONTEST.ARC	25065	3-01-93
-------------	-------	---------

CONTEST.ZIP	147989	3-01-93
CT626.ZIP	178372	3-01-93
WHATSON.ARC	15826	3-01-93
WLOGDEMO.ZIP	163276	3-01-93

Directory: /hamradio/dx/

AUTOLOG4.ARC	165621	3-01-93
DXB20DM0.ZIP	129658	3-01-93
DXCC104.ARC	120117	3-01-93
DXCCK2DI.TXT	15904	2-02-93
DXLOCATE.LST	35911	3-26-93
DXLOG185.ZIP	171738	3-01-93
HAM_LOG.ZIP	94848	3-19-93
HFPROP.BAS	12300	3-26-93
LOGBOOK.ARC	104668	3-01-93
LOGBOOK.ZIP	83422	3-19-93

Directory: /hamradio/exams/

AUTOEXAM.ZIP	251630	3-01-93
EXAMCRDT.TXT	6490	2-02-93
EXAM_OPS.TXT	7431	2-02-93
HAMQUIZ.ZIP	101015	3-19-93
HAMSTACK.TXT	3439	2-02-93
HANDICAP.TXT	9632	2-02-93
VEFC24.ARC	26774	3-01-93

Directory: /hamradio/extra/

EXT20.ZIP	104828	3-19-93
EXTRA.FRQ	1157	8-25-91

Directory: /hamradio/general/

GEN21.EXE	83879	3-19-93
GENTEST.EXE	136865	1-11-92

Directory: /hamradio/help/

BCUMAHAM.TXT	5156	3-28-93
BITFTP.HLP	11347	5-09-93
ELMER100.ZIP	65425	3-01-93

ELMERS.DIR	46722	3-07-93
ELMRINFO.TXT	6984	2-02-93
ELMRLIST.TXT	46722	3-07-93
FAQ_HAM1.TXT	20412	2-02-93
FAQ_HAM2.TXT	33497	2-02-93
FAQ_HAM3.TXT	86169	3-07-93

Directory: /hamradio/hf/

COMB6.ZIP	43190	3-01-93
GC103.ARC	23776	3-01-93
MICROMUF.BAS	4881	3-01-93
MICROMUF.PAS	7695	3-01-93
SOL_GEO.DAT	24836	2-02-93
SOL_TERA.TXT	27028	2-02-93

Directory: /hamradio/internet/

GATEWAYS.TXT	5785	2-02-93
HAMEMAIL.TXT	223537	2-02-93
NEWSGRPS.TXT	6917	2-02-93
RECINFO.TXT	9252	3-14-93
USNETSEL.TXT	8164	2-02-93

Directory: /hamradio/misc/

9PN-25PN.TXT	676	3-27-93
AUTOLOG4.ZIP	109886	3-19-93
BATTRIES.TXT	9694	2-02-93
BBS_LIST.TXT	41800	2-28-93
BEACONS.INF	2284	7-29-92
CA-PHONE.BBS	1338	11-06-92
CHART.C	1999	3-26-93
CONDOR.INF	2870	9-26-92
CONDORMP.TXT	3486	7-16-89
EASYLOGR.ZIP	228482	3-19-93
FCC-PRB1.TXT	25754	4-05-93
FLNTALAW.TXT	3528	2-02-93
HAMPLTES.TXT	5507	2-02-93
HAM_READ.ARC	1366	3-19-93
K1EA-619.EXE	315212	3-19-93
K2UYH.ARC	108510	3-19-93
LOGOS.PS	9258	2-02-93
MAILORDR.TXT	20383	2-02-93
MAP.ZIP	802214	3-19-93

NICADS.INF	6533	3-26-93
PRO-2004.MOD	4418	3-26-93
PRO-2004.REV	18797	3-26-93
QSLCARD1.PS	27337	3-26-93
QSLCARD2.PS	6399	3-26-93
RFI.TXT	1991	3-17-93
RFI001.TXT	2158	6-08-89
RFI002.TXT	1815	6-08-89
RFI003.TXT	3288	6-08-89
RFI_TIPS.TXT	5948	2-02-93
SCANNER.MOD	5287	3-26-93

Directory: /hamradio/newfiles/

NTEX_MS.ARC	118873	3-19-93
PCECAP.ZIP	100174	3-19-93
SMITHCHA.PS	23664	3-26-93
TEC20.ZIP	88796	3-19-93
TEC21.EXE	95783	3-19-93
TH-215A.MOD	2174	3-26-93
TM-721A.MOD	4867	3-26-93
TRAVINFO.LST	38204	3-26-93
TS-930S.MOD	2226	3-26-93
TS430MOD.DOC	2719	3-26-93
TS430S.REV	5066	3-26-93
TS440S.INT	9986	3-26-93
TUNEUP.TNC	2557	7-03-91
UC-U2AT.REV	7239	3-26-93
UNIGRID2.BAS	12341	3-26-93
VHFPROP.BAS	24498	3-26-93
WIRETAP.TXT	32215	3-26-93

Directory: /hamradio/novice/

NOV20.ZIP	99107	3-19-93
NOV21.EXE	106365	3-19-93
NOVICE25.ARC	50049	3-01-93
NOV_TEST.ZIP	95588	3-01-93

Directory: /hamradio/nts/

3RDPARTY.LST	1802	9-09-91
CANADA.ADR	375	2-14-90
COUNTRY.ADR	2975	11-25-91
NTS4UB.EXE	105728	1-13-90

NTSDISK.EXE	37401	11-20-91
RGRAM27.ZIP	48027	3-19-93
ZIPCODE.EXE	214180	2-22-93

Directory: /hamradio/packet/

9600BAUD.PKT	8154	3-06-91
ARYGATE.TXT	10286	4-11-93
AX25SPEC.TXT	66235	3-30-93
BBSTIP01.TXT	1435	1-04-91
BBSTIP02.TXT	1868	1-04-91
BBSTIP03.TXT	1869	1-04-91
BBSTIP04.TXT	2032	1-04-91
BBSTIP05.TXT	2196	1-04-91
BBSTIP06.TXT	1132	1-04-91
BBSTIP07.TXT	1180	1-04-91
BBSTIP08.TXT	863	1-04-91
BBSTIP09.TXT	2260	1-04-91
BBSTIP10.TXT	1325	1-04-91
BBSTIP11.TXT	1755	1-04-91
BBSTIP12.TXT	2222	1-04-91
BBSTIP13.TXT	2305	1-04-91
CATEGORY.LST	3477	1-26-92
CHEAPPKT.TXT	4258	3-30-93
FAQ.TXT	33570	3-08-93
FAQ_PAKT.TXT	29942	2-02-93
HFHINTS.TXT	3020	4-05-90
HIERADR.DOC	4849	6-15-90
INFOPAKT.TXT	39574	2-02-93
KAM401.ARC	156061	3-01-93
NEXTGEN.BBS	3948	3-21-93
PKTINFO1.TXT	2891	2-20-93
PKTINFO2.TXT	6338	2-02-93
ROUTING.TXT	28069	3-26-93
RTTY12G.ARC	126651	3-01-93
SETTINGS.TNC	1089	7-03-91
TTY37.ARC	36600	3-01-93
WP.DOC	1507	5-09-93

Directory: /hamradio/packet/loz/

00-INDEX.TXT	2446	4-19-93
PACKET01.LOZ	3746	3-03-93
PACKET02.LOZ	9436	3-04-93
PACKET03.LOZ	6675	3-07-93
PACKET04.LOZ	7372	3-10-93

PACKET05.LOZ	6155	3-17-93
PACKET06.LOZ	15037	3-23-93
PACKET07.LOZ	5707	5-11-92
PACKET08.LOZ	6715	5-12-92
PACKET09.LOZ	4578	5-12-92
PACKET10.LOZ	8698	1-31-93
PACKET11.LOZ	6493	1-31-93
PACKET12.LOZ	5881	5-13-92
PACKET13.LOZ	6285	5-29-92
PACKET14.LOZ	7157	5-13-92
PACKET15.LOZ	4714	5-14-92
PACKET16.LOZ	3396	5-14-92
PACKET17.LOZ	4683	5-14-92
PACKET18.LOZ	2168	5-14-92
PACKET19.LOZ	4902	5-15-92
PACKET20.LOZ	7564	5-15-92
PKTINF01.TXT	4109	7-22-91
PKTINF02.TXT	6580	7-28-91
PKTINF03.TXT	4555	8-06-91
PKTINF04.TXT	3806	8-12-91
PKTINF05.TXT	4484	8-21-91
PKTINF06.TXT	4192	9-03-91
PKTINF07.TXT	4885	9-09-91
PKTINF08.TXT	4676	9-17-91
PKTINF09.TXT	3938	10-01-91
PKTINF10.TXT	2786	10-28-91
PKTINF11.TXT	3412	11-12-91
PKTINF12.TXT	7717	11-26-91
PKTINF13.TXT	2480	12-17-91
PKTINF14.TXT	2499	1-06-92
PKTINF15.TXT	2975	1-06-92
PKTINF16.TXT	1646	1-14-92

Directory: /hamradio/packet/software/

AA4REBBS.INF	2654	4-11-93
AA4REBBS.ZIP	357277	3-19-93
BAYCOM15.ZIP	168961	3-19-93
LANDC159.EXE	153301	3-19-93
LANLK159.EXE	192812	3-19-93
PAX.ZIP	15473	3-19-93
PCT214.ZIP	378739	3-01-93
PKGOL624.ZIP	323067	3-26-93
PKTSFTWR.TXT	4185	2-02-93
RTTY12G.ARC	126651	3-01-93
SELCAL11.ZIP	12590	3-01-93
TTY37.ARC	36600	3-01-93

XPCOM131.ZIP 403741 5-17-93

Directory: /hamradio/tcpip/

AMPRINFO.TXT	5603	2-02-93
BEGIN.DOC	110255	2-07-91
BM.DOC	15193	2-07-91
PCNET.EXE	227498	4-26-92
TCPIP.INF	5819	1-19-91

Directory: /hamradio/rigs/

COMPICOM.TXT	15707	3-26-93
FRGLOD10.ZIP	14451	4-01-93
HF_RIGS.TXT	4317	2-02-93
HT_INFO.TXT	10990	2-02-93
IC-12AT.REV	6682	3-26-93
IC-32AT.MOD	2715	3-26-93
IC02A.MOD	2424	3-26-93
IC02ATR.MOD	3294	3-26-93
IC28H.REV	6855	3-26-93
ICOM.C	9232	3-14-93
ICOM-110.C	9842	3-26-93
ICOMCI-V.CMD	7443	3-26-93
INFOEQPT.TXT	10063	2-02-93
KENWD930.MOD	6640	3-26-93
MNUFCTRS.TXT	5051	2-02-93
QST_REVW.TXT	41097	2-02-93
R7000.HIN	26430	3-26-93

Directory: /hamradio/satellite/

DOVE3W13.ZIP	43150	3-01-93
ELETRANS.C	2176	3-26-93
GEOSAT20.ZIP	56405	3-01-93
HAM_SAT.TXT	10967	2-02-93
ORBIT23.ARC	36852	3-01-93
QUICKS24.ZIP	77120	3-01-93
SATELITE.BAS	5642	3-01-93
SATELITE.HOW	18571	3-26-93
SATTAIM.ARC	1860	3-01-93
SATTRACK.INF	5017	3-26-93
TRAK280.ZIP	346847	3-01-93
USAT92B2.ZIP	86782	3-01-93
WU120EXE.ZIP	222368	3-01-93

Directory: /hamradio/sstvfax/

AUTOFAX.ARC	12452	3-01-93
FFT.COM	52096	2-02-93
FFTH.COM	53760	2-02-93
JVFAX50.ZIP	407934	3-01-93
SSTVFAX2.ZIP	28323	3-01-93
SSTVWFAX.TXT	37309	2-02-93
WEFAX.ARC	35968	3-01-93
WXRDR22.ARC	98944	3-01-93

Directory: /hamradio/swl/

FAQ_SWL.TXT	21936	2-02-93
SWL114.ZIP	302908	3-01-93
SWL_INFO.TXT	20666	2-02-93

Directory: /hamradio/technici/

TECHTEST.EXE	148542	1-11-92
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Directory: /hamradio/utility/

BOOZ.EXE	14404	7-09-91
FILTER11.ARC	55936	3-01-93
INTMOD60.ARC	11902	3-01-93
JLEM.ZIP	14846	2-02-93
OHMSLAW.ARC	22197	3-01-93
PKUNZIP.EXE	23528	3-15-90
PKUNZIP2.EXE	28806	5-17-93
RC85PR15.ZIP	50983	3-01-93
RFTTOOLS.ARC	144799	3-01-93
UUDECODE.BAS	5709	3-28-93
UUDECODE.C	5565	3-28-93
UUDECODE.DOC	519	3-28-93
UUEXE515.ZIP	33603	3-06-93
WHERITIS.ARC	30943	3-01-93

Directory: /hamradio/vlf/

1750MTR.TXT	6532	2-02-93
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Date: Sat, 29 May 1993 16:28:01 GMT
From: rtech!amdahl!amdcad!allegria!ulysses!ulysses.att.com!wmb@decwrl.dec.com
Subject: Ham/Computerfest - Central NJ 6/5/93
To: info-hams@ucsd.edu

* HAMPUTER_FEST 93 *
* Hamfest and Computer Show *

* previously the Dunellen Hamfest *

* *
* DATE/TIME: June 5, 1993 / 8 AM - 2 PM *
* PLACE: Watchung Hills Regional H. S., Warren, NJ *
* SPONSOR: Raritan Valley Radio Club *
* FEATURES: * VE Testing * Indoor tables * Outdoor spaces *
* * Rain or shine * AMSAT reps * ARRL-approved *
* * Commercial vendors * W2 QSL Bureau *
* * Refreshments * Prizes * Free parking *
* * Easy access from Route I-78 *
* DIRECTIONS: Route I-78 to Exit 40, North on Hillcrest Rd. *
* toward Gillette, follow hamfest signs to *
* Watchung Hills Regional High School *
* TALK-IN: WA2UDT repeater 146.025/.625 & 146.52 simplex *
* VE EXAMS: Must be pre-registered; mail by May 30 to: *
* VE Exam c/o WA2F *
* 966 Brown Road *
* Bridgewater, NJ 08807 *
* For info, call John, WA2F (908 722-9045) *
* OTHER INFO: John, WA2F (908 722-9045) *
* Walt, W2FLB (908 968-5993) *
* *

For info via email, contact me.

Bill Brelsford, K2DI
AT&T, Basking Ridge
wmb@joplin.att.com

Date: Fri, 28 May 1993 23:48:01 GMT
From: sdd.hp.com!hpscit.sc.hp.com!hplextra!hpcc05!hpwrice!tonyz@network.UCSD.EDU
Subject: Heath HW-101
To: info-hams@ucsd.edu

I guess the easiest way is to use another rcvr...assuming its something recent and can be relied upon for accuracy.

But, if you can't find someone with one you could always find or build a 100 KHz crystal calibrator.... Heath used to make one way back but you can find them at flea markets reeeel cheap.

That's a nice little rig, the hotwater 101. I used to own one, had a resistor that got a little hot though, in the audio amp stage for the mike. Mine failed one day and I figured the current through it to be more that the 1/2 watter could handle so I went to a 1 watt and it was fine after that. I cant remember where in the circuit it was....it's been so long. You should post for a manual on this rig... it is a radio that you can still work on by yourself :-)

tony WB6TRU

Date: 29 May 1993 18:13:20 GMT
From: usc!howland.reston.ans.net!gatech!concert!news-feed-1.peachnet.edu!umn.edu!lynx.unm.edu!dns1.NMSU.Edu!dante!mormsby@network.UCSD.EDU
Subject: HTX-202 mods
To: info-hams@ucsd.edu

Looking for extended rx for the HTX-202 Radio Shack handheld..Any other help with locking out memories in the scan mode would also be helpful..or whatever you got..thanks for all help... 73's and best dx KA1MWD NMSU
mormsby@dante.nmsu.edu

PS: Is it normal for the 202 to have a birde on 146.760?? Maybe that is common?? cul

Date: 29 May 1993 17:14:05 -0500
From: swrinde!cs.utexas.edu!not-for-mail@network.UCSD.EDU
Subject: HTX-202 mods
To: info-hams@ucsd.edu

>
> Looking for extended rx for the HTX-202 Radio Shack handheld..Any other help
 ^^^^^^^^^^ Impossible (so far ...)

> with locking out memories in the scan mode would also be helpful..or

- 1) Tune to unwanted memory
- 2) While holding <F> button push <9 - M-CLR>
- 3) :-)

> PS: Is it normal for the 202 to have a birde on 146.760?? Maybe that
> is common?? cul

None on mine. Does it go away when you turn the computer off? 8-)

My Amiga (MC68000 + custom co-processors) has a HUGE spur at *exactly*
146.76 MHz, which is, of course, the most active local repeater.

Peter Laws|GEnie:P.LAWS1|"The '90s are gonna make the '60s|plaws@uafhp.uark.edu
n5uwy@ka5bml.ar.usa.noam| look like the '50s" --D. Hopper|plaws@uafsysb.bitnet
===== Bill Clinton:"Putting Hair First" =====

Date: 29 May 93 09:24:37 EDT
From: sdd.hp.com!nigel.msen.com!ilium!sycom!instem!bb19s20@network.UCSD.EDU
Subject: New Tech questions?
To: info-hams@ucsd.edu

Anyone possibly know where I could get a copy of the New Tech questions in
possibly a computer type program? I used to have an older version of a PC prg
with the Tech questions but I know it's out dated by now. Thanks in advance.

Bill N8XRC

Date: Sat, 29 May 93 08:23:26 -0800
From: rtech!amdahl!grafex!ka6etb@decwrl.dec.com
Subject: XPCOM131.ZIP
To: info-hams@ucsd.edu

This file has been moved to

/hamradio/packet/software

See the INDEX or HELP files for information on ordering.

Efforts are under way to upload to the ftp sites. Look for it there.

73 de KA6ETB

Date: Sat, 29 May 1993 17:31:30 GMT
From: usc!howland.reston.ans.net!gatech!kd4nc!n4tii@network.UCSD.EDU
To: info-hams@ucsd.edu

References <930528083034.10d46@NSULA.EDU>, <1u5i4n\$cqu@ux1.cso.uiuc.edu>,
<oxenreid.738628325@chaos.cs.umn.edu>
Subject : Re: Need for Radar Gun License RE: FCC Softball Fine

oxenreid@chaos.cs.umn.edu () writes:

>In <1u5i4n\$cqu@ux1.cso.uiuc.edu> rtaylor@ux1.cso.uiuc.edu (Roger Taylor) writes:

>>RON@NSULA.EDU (Ron Wright - NSU Computer Center) writes:

>>>The message posted yesterday about the FCC levying the fine on the
>>>softball fundraiser for using an unlicensed Radar Gun to Clock
>>>the pitchers reminded me of a question I once had.

>I have not heard of this before, and I would have doubted that the
>FCC would want to spend a lot of effort on something like this, unless
>they were causing 'harmfull interference' to some other service.
>If the radar was a K band radar, then a licenced Technicain Amateur radio
>operator can use it under his ham licence. (we have the same allocation
>under the FCC regs, and it can be fun :-)

>>>the answer was that they had been told the License for the VHF/UHF
>>>radios in the car would cover it. I repeatedly told them that this
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^ What a lie!

>Until circa 1986, the FCC required that all 'police radar' units be
>individually licenced. Post 1986, the regs were changed du to the massive
>influx of inexpensive radar units, and licencing became a real headache.
>Now, your department can apply for a licence, with a \$50.00 fee (that may
>have change though) and a licence supporting 100 (default) is issued. No
>more need to put a sticker with the licence on top of the radar unit. The
>officer need only know where the controll oporating point is (ie the
>technical end of the arm, so the FCC can go after them). This is also known
>as a blanket licence.

This puzzles me, then. I am a senior Criminal Justice major at one of the colleges here in Georgia. As part of my degree, I had to intern for a law enforcement agency. Well, I did mine at a somewhat rural Sheriff's Office in Northeast Georgia. We had an old radar license posted on the wall..but it had expired. I asked one of the investigators (who is a ham, and who coordinates all the licensing for the VHF stuff) and he told me the same thing as the other guy said...the department didn't need a separate license, that if they had a licensed channel on hi-band then the radar was already

covered. I read a little of Part-90 at school one day and I found NOTHING to that effect. So basically, Mr. Investigator is full of crap...or at least he is going on a line of crap that someone else fed him.

So, what should I tell him next time I see him (on friendly terms, of course), tell him that his radars are indeed unlawful as they aren't licensed? And, to clarify what you said earlier, then radars are now issued on a 'fleet' system?

Thanks....this is going to be real interesting when it pans out.... oh, on the use of operating an X-band police radar and being a tech or higher ham, I was under the impression that this still couldn't be done as the radar is phase modulating and we (hams) cannot phase modulate on 10.525 ghz. (isn't there a ham band near Ku Band, too? (24.5 or something ghz)

Have a goodin'

John Reed
n4tii%kd4nc.uucp@gatech.edu

WARNING: The popcorn you are eating has been pissed in. -- Kentucky Fried Movie

><stuff deleted>

>>>had received it yearly recalibration, or if it's operators had been
>>>certified to use it.

>As far as recalibration goes, that would only apply to the frequency
>part of the regs. The FCC doesn't care if the Radar unit
>reads correctly, they only care about it as it relates to transmitter
>specifications.

>>since they weren't in THEIR circuit. Virtually NO police department provides
>>certified training by qualified, independent trainers. I have never seen a
>Is there such a thing? Keyword ^^^^^^^^^^^. The only 'certified training'
>I know of is from the Radar OEM, I hardly call this independent.
>>case where the device was properly licensed, tested, or calibrated. Neither

>The Minnesota State Patroll (at least in my district) was very good about
>putting the FCC licence on top of the radar unit (clearly visible), and I
>have spent many a day taking a tuning fork and placing it on a special
>frequency counter to measure the oscillations, and comparing it to a table
>(and you had to look it up every time) of acceptable values. The fork(s)
>was then used at the start of each shift to check the radar unit. WHILE
>#_OF_TROOPERS >0 DO it again. As for independent trainers, the law can vary
>from state to state, and so that could be a problem.

><stuff deleted>

>A good number of troopers used VASCAR. Which takes all the fun out of
>a trail. If it takes you X seconds to travel 1/4 mile
>than you must be traveling Y speed. Unless you and Scotty are working
>on a new Physics, the ticket holds.

>BTW, I worked for a Minnesota Department of Transportations radio shop in
>South East Minnesota. We serviced MN-DOT, State Patroll, and just about
>every other State FM two way radio. Radar was just part of the job.

>=====

>Chris Oxenreider (Electronics Technician) |HAM: N0MLD 146.76 (-)
>oxenreid@chaos.cs.umn.edu |#include <std_disclaimer.h>

>

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>"It's a small mind who can think of only one way to spell a word" -- M. Twain

>=====

End of Info-Hams Digest V93 #658
